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› Transmaxx Transtec TMX352-1803 Viton D-Ring Servo Sealing Ring Kit Instruction Manual

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Model: TMX352-1803

1. INTRODUCTION

This instruction manual provides essential information for the proper handling, installation, and maintenance of the Transmaxx Transtec TMX352-1803 Viton D-Ring Servo Sealing Ring Kit. This kit is designed to provide high-quality sealing solutions for automatic transmission servo mechanisms. Adherence to these instructions will help ensure optimal performance and longevity of the seals.

2. PRODUCT OVERVIEW

The Transmaxx Transtec TMX352-1803 kit contains Viton D-rings, which are known for their superior resistance to high temperatures, chemicals, and oils commonly found in automatic transmission fluids. These seals are manufactured to precise specifications to ensure a reliable and durable seal within the servo mechanism, contributing to the overall efficiency and performance of the transmission system.



Image 2.1: Components of the Transmaxx Transtec Viton D-Ring Servo Sealing Ring Kit. This image displays the various D-rings included in the kit, laid out for inspection.

3. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as gloves and eye protection, when handling automotive fluids and components.
- Ensure the vehicle is properly supported and secured before beginning any work on the transmission.
- Allow the transmission to cool down before servicing to prevent burns from hot fluids or components.
- Dispose of old fluids and components according to local environmental regulations.
- If you are unsure about any step of the installation process, consult a qualified automotive technician.

4. PACKAGE CONTENTS

The Transmaxx Transtec TMX352-1803 Viton D-Ring Servo Sealing Ring Kit typically includes:

- Multiple Viton D-rings of various sizes, specifically designed for the servo mechanism.



Image 4.1: The Transmaxx Transtec Viton D-Ring Servo Sealing Ring Kit as packaged. This image shows the sealing rings contained within their protective packaging.

5. INSTALLATION INSTRUCTIONS

Note: Installation of transmission sealing components requires specialized knowledge and tools. Professional installation by a certified technician is highly recommended.

5.1. Preparation

1. Ensure the transmission is cool and the vehicle is safely lifted and supported.
2. Drain the transmission fluid as per the vehicle manufacturer's specifications.

3. Locate and carefully remove the servo mechanism requiring seal replacement. Refer to your vehicle's service manual for specific procedures.

5.2. Seal Replacement

1. Thoroughly clean the servo bore and piston, removing all old fluid, debris, and remnants of the old seals. Inspect for any damage or wear.
2. Carefully remove the old D-rings from the servo piston or bore.
3. Select the correct size Viton D-rings from the kit. Compare them to the old seals to ensure a match.
4. Lightly lubricate the new D-rings with clean, compatible automatic transmission fluid. This aids in installation and prevents damage.
5. Gently install the new D-rings onto the servo piston or into the bore, ensuring they are not twisted or pinched.
6. Reassemble the servo mechanism and reinstall it into the transmission according to the vehicle's service manual.

5.3. Post-Installation

1. Refill the transmission with the specified type and amount of new automatic transmission fluid.
2. Start the engine and check for leaks around the serviced area.
3. Perform a functional check of the transmission to ensure proper operation.

6. USAGE CONSIDERATIONS

Once installed, the Viton D-rings are designed to operate effectively within the specified temperature and chemical environment of automatic transmissions. Regular maintenance of your transmission, including timely fluid changes, will contribute to the longevity of these seals and the overall transmission system.

7. MAINTENANCE

The D-rings themselves are maintenance-free once installed correctly. However, the performance and lifespan of the seals are directly linked to the health of the transmission system. Adhere to the vehicle manufacturer's recommended transmission fluid change intervals and use only approved fluids. Periodically inspect for any signs of fluid leaks around the transmission, which could indicate a seal issue.

8. TROUBLESHOOTING

If you experience issues after installing the sealing kit, consider the following:

- **Fluid Leaks:** Check for proper seating of the seals, ensure no debris was trapped during installation, and verify that the servo mechanism was reassembled correctly. An incorrect fluid level can also contribute to issues.
- **Transmission Performance Issues:** If the transmission exhibits unusual shifting or engagement problems, it could indicate an issue with the servo mechanism's function, potentially related to improper seal installation or damage to other components.

In most cases, issues related to sealing rings stem from improper installation. If troubleshooting steps do not resolve the problem, it is advisable to consult a professional automotive technician.

9. SPECIFICATIONS

Attribute	Value
Brand	Transmaxx
Model Number	TMX352-1803
Material	Fluorocarbon (Viton)
Color	Black
Temperature Range	4E+1 Degrees Celsius
Unit Count	1.0 Count (Kit)
Item Weight	0.32 ounces

10. WARRANTY AND SUPPORT

For information regarding product warranty or technical support, please contact Transmaxx customer service directly. Keep your purchase receipt as proof of purchase. Transmaxx is committed to providing high-quality products and support for their customers.